



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Mingqiu Sun

Serial No.: 10/608,683

For: METHODS AND  
APPARATUS TO MANAGE A  
CACHE MEMORY

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Group Art Unit: 2171

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- ) I hereby certify that this paper is
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- ) Non-Fee Amendment,
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- ) Alexandria, VA 22313-1450, on
- ) this date:
- )
- ) September 30, 2003
- ) James A. Flight
- ) James A. Flight
- ) Registration No. 37,622
- ) Attorney for Applicant

PRELIMINARY AMENDMENT

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examining the above-referenced patent application, please enter the following amendments and consider the following remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.